



<110> Renaudie, Jean-Christophe
Dumoutier, Laure

<120> Isolated Nucleic Acid Molecules Which Encode A Soluble IL-TIF/IL-22
Receptor or Binding Protein Which Binds to IL-TIF/IL-22, And Uses Thereof

<130> LUD 5684.2 (10106926)

<140> US 09/919,162

<141> 2001-31-07

<150> US 60/245,495

<151> 2000-03-11

<150> US 60/234,583

<151> 2000-09-22

<160> 11

<210> 1

<211> 21

<212> DNA

<213> Homo sapiens

<400> 1

agggtacaat ttcagtccccg a

21

<210> 2

<211> 21

<212> DNA

<213> Homo sapiens

<400> 2

cggcgtcatg ctccattctg a

21

<210> 3

<211> 28

<212> DNA

<213> Homo sapiens

<400> 3

tgaacagtca cactcgagac catgatgc

28

<210> 4

<211> 25

<212> DNA

<213> Homo sapiens

<400> 4

catcctgttc tcgaggagct ttaga

25

<210> 5

<211> 2271

<212> DNA

<213> Homo sapiens

<400> 5

ctgccttaaa cccgggagtg attgtctggt tgtggatttt acagtttctt ctttggtcct

60

```

gagctgggta aaaggaacac tgggtgcctg aacagtcaca cttgcaacca tgatgcctaa 120
acattgcttt ctaggcttcc tcatcagttt cttccttact ggtgtagcag gaactcagtc 180
aacgcatgag tctctgaagc ctcagagggt acaatttcag tcccgaatt ttcacaacat 240
tttgcaatgg cagcctggga gggcacttac tggcaacagc agtgtctatt ttgtgcagta 300
caaaatatat ggacagagac aatggaaaaa taaagaagac tgttggggta ctcaagaact 360
ctcttgtgac cttaccagtg aaacctcaga catacaggaa ccttattacg ggaggggtgag 420
ggcggcctcg gctgggagct actcagaatg gagcatgacg ccgcgggttca ctccctggtg 480
ggaaacaaaa atagatcctc cagtcatgaa tataacccaa gtcaatggct ctttgttgg 540
aattctccat gctccaaatt taccatatag ataccaaaag gaaaaaatg tatctataga 600
agattactat gaactactat accgagtttt tataattaac aattcactag aaaaggagca 660
aaaggtttat gaaggggctc acagagcggg tgaattgaa gctctaacac cacactccag 720
ctactgtgta gtggctgaaa tatatcagcc catgttagac agaagaagtc agagaagtga 780
agagagatgt gtggaaattc catgacttgt ggaatttggc attcagcaat gtggaaattc 840
taaagctccc tgagaacagg atgactcgtg tttgaaggat cttattttaa attgtttttg 900
tattttctta aagcaatatt cactgttaca ccttggggac ttctttgttt atccattctt 960
ttatccttta tatttcattt gttaaactata tttgaacgac attccccccg aaaaattgaa 1020
atgtaaagat gaggcagaga ataaagtgtt ctatgaaatt cagaacttta tttctgaatg 1080
taacatccct aataacaacc ttcatctctc taatacagca aaataaaaat ttaacaacca 1140
aggaatagta tttaaagaaa tgttgaaata atttttttta aatagcatta cagactgagg 1200
cggctcctgaa gcaatggttt ttcaactctt tattgagcca attaaattga cattgctttg 1260
acaattttaa acttctataa aggtgaatat tttcataca ttctattttt atatgaatat 1320
actttttata tatttattat tattaatat ttctacttaa tgaatcaaaa ttttgtttta 1380
aagtctactt tatgtaaata agaacagggt ttggggaaaa aaatcttatg atttctggat 1440
tgatatctga attaaaacta tcaacaacaa ggaagtctgc tctgtacaat tgtccctcat 1500
ttaaagata tattaagctt ttcttttctg tttgtttttg ttttgtttag tttttaatcc 1560
tgtcttagaa gaacttatct ttattctcaa aattaaatgt aattttttta gtgacaaaga 1620
agaaaggaaa cctcattact caatccttct ggccaagagt gtcttgcttg tggcgcttc 1680
ctcatctcta tataggagga tcccatgaat gatggtttat tgggaactgc tggggtcgac 1740
cccatacaga gaactcagct tgaagctgga agcacacagt gggtagcagg agaaggaccg 1800
gtgttggtag gtgcctacag agactataga gctagacaaa gccctccaaa ctggcccctc 1860
ctgctcactg cctctcctga gtagaaatct ggtgacctaa ggctcagtggt ggtcaacaga 1920
aagctgcctt cttcacttga ggctaagtct tcatatatgt ttaaggttgt ctttctagt 1980
aggagatata tatcagagaa catttgtaca attcccatg aaaattgctc caaagttgat 2040
aacaatatag tcgggtgctt tagttatatg caagtactca gtgataaatg gattaaaaaa 2100
tattcagaaa tgtattgggg ggtggaggag aataagaggc agagcaagag ctagagaatt 2160
ggtttccttg cttccctgta tgctcagaaa acattgattt gagcatagac gcagagactg 2220
aaaaaaaaat ttactttgat ctctgttttt gaattcttat ttttatatt t 2271

```

<210> 6

<211> 231

<212> PRT

<213> Homo sapiens

<400> 6

```

Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu
      5              10              15
Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln
      20              25              30
Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln
      35              40              45
Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr
      50              55              60
Lys Ile Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly
      65              70              75              80
Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln
      85              90              95
Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser

```

100	105	110
Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile		
115	120	125
Asp Pro Pro Val Met Asn Ile Thr Gln Val Asn Gly Ser Leu Leu Val		
130	135	140
Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn		
145	150	155
Val Ser Ile Glu Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile		
165	170	175
Asn Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg		
180	185	190
Ala Val Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val		
195	200	205
Ala Glu Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu		
210	215	220
Glu Arg Cys Val Glu Ile Pro		
225	230	

<210> 7
 <211> 37
 <212> DNA
 <213> Homo sapiens
 <400> 7
 ccaacttcca tgatcaatgg aatttccaca catctct

37

<210> 8
 <211> 33
 <212> DNA
 <213> Homo sapiens
 <400> 8
 aagactgagt tgatcaagag aatcgagcct aga

33

<210> 9
 <211> 27
 <212> DNA
 <213> Homo sapiens
 <400> 9
 aatgtctaga tgctgttctc atttacc

27

<210> 10
 <211> 2367
 <212> DNA
 <213> Homo sapiens
 <400> 10
 ctgccttaaa cccgggagtg attgtctggt tgtggatttt acagtttcct ctttgggtcct 60
 gagctgggta aaaggaacac tgggtgcctg aacagtcaca cttgcaacca tgatgcctaa 120
 acattgcttt ctaggcttcc tcatcagttt cttccttact ggtgtagcag gaactcagtc 180
 aacgcatgag tctctgaagc ctcagagggg acaatttcag tcccgaatt ttcacaacat 240
 tttgcaatgg cagcctggga gggcacttac tggcaacagc agtgtctatt ttgtgcagta 300
 caaaatcatg ttctcatgca gcatgaaaag ctctcaccag agccaagtgg atgcttggca 360
 gcacatttct tgtaacttcc caggctgcag aacattggct aaatatggac agagacaatg 420
 gaaaaataaa gaagactggt ggggtactca agaactctct tgtgacctta ccagtgaac 480
 ctcagacata caggaacctt attacgggag ggtgagggcg gcctcggctg ggagctactc 540

```

agaatggagc atgacgccgc ggttcactcc ctgggtgggaa acaaaaatag atcctccagt 600
catgaatata acccaagtca atggctcttt gttggtaatt ctccatgctc caaatttacc 660
atatagatac caaaaggaaa aaaatgtatc tatagaagat tactatgaac tactataccg 720
agtttttata attaacaatt cactagaaaa ggagcaaaaag gtttatgaag gggctcacag 780
agcggttgaa attgaagctc taacaccaca ctccagctac tgtgtagtgg ctgaaatata 840
tcagcccatg ttagacagaa gaagtcagag aagtgaagag agatgtgtgg aaattccatg 900
acttgtgaa tttggcattc agcaatgtgg aaattctaaa gctccctgag aacaggatga 960
ctcgtgtttg aaggatctta tttaaaattg tttttgtatt ttcttaaagc aatattcact 1020
gttacacctt ggggacttct ttgtttatcc attcttttat cctttatatt tcatttgtaa 1080
actatatttg aacgacattc ccccgaaaaa attgaaatgt aaagatgagg cagagaataa 1140
agtgttctat gaaattcaga actttatttc tgaatgtaac atccctaata acaaccttca 1200
ttcttctaata acagcaaaaat aaaaatttaa caaccaagga atagtattta agaaaatggt 1260
gaaataattt ttttaaaata gcattacaga ctgaggcggg cctgaagcaa tggtttttca 1320
ctctcttatt gagccaatta aattgacatt gctttgacaa tttaaaactt ctataaagggt 1380
gaatattttt catacatttc tattttatat gaatatactt tttatatatt tattattatt 1440
aaatatttct acttaatgaa tcaaaaattt gttttaaagt ctactttatg taaataagaa 1500
caggtttttg ggaaaaaaat cttatgattt ctggattgat atctgaatta aaactatcaa 1560
caacaaggaa gtctgctctg tacaattgtc cctcatTTaa aagatatatt aagcttttct 1620
tttctgtttg tttttgtttt gtttagtttt taatcctgtc ttagaagaac ttatctttat 1680
tctcaaaaatt aaatgtaatt tttttagtga caaagaagaa aggaaacctc attactcaat 1740
ccttctggcc aagagtgtct tgcttgtggc gccttcctca tctctatata ggaggatccc 1800
atgaatgatg gtttattggg aactgctggg gtgcacccca tacagagaac tcagcttgaa 1860
gctggaagca cacagtgggt agcaggagaa ggaccgggtg tggtaggtgc ctacagagac 1920
tatagagcta gacaaagccc tccaaactgg cccctcctgc tcaactgcctc tcctgagtag 1980
aaatctggtg acctaaggct cagtgtggtc aacagaaagc tgccttcttc acttgaggct 2040
aagtcttcat atattgttaa ggttgtcttt ctagtgagga gatacatatc agagaacatt 2100
tgtacaattc cccatgaaaa ttgctccaaa gttgataaca atatagtcgg tgcttctagt 2160
tatatgcaag tactcagtga taaatggatt aaaaaatatt cagaaatgta ttgggggggtg 2220
gaggagaata agaggcagag caagagctag agaattgggt tccttgcttc cctgtatgct 2280
cagaaaacat tgatttgagc atagacgcag agactgaaaa aaaaattttac tttgatctct 2340
gtttttgaat tcttattatt tatatttt 2367

```

```

<210> 11
<211> 263
<212> PRT
<213> Homo sapiens
<400> 11

```

```

Met Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu
          5              10              15
Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro Gln
          20              25              30
Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln Trp Gln
          35              40              45
Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe Val Gln Tyr
          50              55              60
Lys Ile Met Phe Ser Cys Ser Met Lys Ser Ser His Gln Ser Gln Val
          65              70              75              80
Asp Ala Trp Gln His Ile Ser Cys Asn Phe Pro Gly Cys Arg Thr Leu
          85              90              95
Ala Lys Tyr Gly Gln Arg Gln Trp Lys Asn Lys Glu Asp Cys Trp Gly
          100             105             110
Thr Gln Glu Leu Ser Cys Asp Leu Thr Ser Glu Thr Ser Asp Ile Gln
          115             120             125
Glu Pro Tyr Tyr Gly Arg Val Arg Ala Ala Ser Ala Gly Ser Tyr Ser
          130             135             140
Glu Trp Ser Met Thr Pro Arg Phe Thr Pro Trp Trp Glu Thr Lys Ile

```

145		150		155		160									
Asp	Pro	Pro	Val	Met	Asn	Ile	Thr	Gln	Val	Asn	Gly	Ser	Leu	Leu	Val
				165					170					175	
Ile	Leu	His	Ala	Pro	Asn	Leu	Pro	Tyr	Arg	Tyr	Gln	Lys	Glu	Lys	Asn
			180					185					190		
Val	Ser	Ile	Glu	Asp	Tyr	Tyr	Glu	Leu	Leu	Tyr	Arg	Val	Phe	Ile	Ile
		195					200					205			
Asn	Asn	Ser	Leu	Glu	Lys	Glu	Gln	Lys	Val	Tyr	Glu	Gly	Ala	His	Arg
	210					215				220					
Ala	Val	Glu	Ile	Glu	Ala	Leu	Thr	Pro	His	Ser	Ser	Tyr	Cys	Val	Val
225					230					235				240	
Ala	Glu	Ile	Tyr	Gln	Pro	Met	Leu	Asp	Arg	Arg	Ser	Gln	Arg	Ser	Glu
				245				250						255	
Glu	Arg	Cys	Val	Glu	Ile	Pro									
			260												